

HAEMOPHILUS INFLUENZAE **(Invasive Disease)**

I. IDENTIFICATION

- A. **CLINICAL DESCRIPTION:** Invasive disease due to *Haemophilus influenzae* which may produce any of several clinical syndromes, including meningitis, bacteremia, epiglottitis, or pneumonia.
- B. **REPORTING CRITERIA:** Clinical diagnosis or laboratory confirmation.
- C. **LABORATORY CRITERIA FOR DIAGNOSIS:**
- Isolation of *Haemophilus influenzae* from a normally sterile site (blood, CSF, or less commonly, joint, pleural, or pericardial fluid).
- D. **KENTUCKY CASE DEFINITION:** A clinically compatible illness that is laboratory confirmed.

II. ACTIONS REQUIRED / PREVENTION MEASURES

- A. **KENTUCKY DISEASE SURVEILLANCE REQUIRES URGENT NOTIFICATION:** REPORT TO THE LOCAL OR STATE HEALTH DEPARTMENT **IMMEDIATELY** upon recognition of a case or a suspected case in a time period not greater than 24 hours. If health department personnel cannot be contacted directly, notification shall be made by electronic submission or by telephone to the emergency number of the Division of Epidemiology and Health Planning: **1-888-973-7678**.
- B. **EPIDEMIOLOGY REPORTS REQUIRED:**
1. Kentucky Reportable Disease Form - EPID 200 (Rev. Jan/03).
 2. National Bacterial Meningitis and Bacteremia Case Report - CDC 52.15N REV 02/93.
- C. **PUBLIC HEALTH INTERVENTIONS:**
- Determine the serotype of *Haemophilus influenzae* isolated. Have isolate sent to state lab.
 - Investigation of known and suspect contacts.
 - Chemoprophylaxis and/or observation of contacts as indicated.
 - Evaluate *Haemophilus influenzae* type b vaccine status of close contacts and update as appropriate.

III. CONTACTS FOR CONSULTATION

- A. DEPARTMENT FOR PUBLIC HEALTH, COMMUNICABLE DISEASE BRANCH:
502-564-3261.
- B. DEPARTMENT FOR PUBLIC HEALTH, SURVEILLANCE AND HEALTH DATA
BRANCH: 502-564-3418.
- C. DEPARTMENT FOR PUBLIC HEALTH, DIVISION OF LABORATORY SERVICES:
502-564-4446.

IV. RELATED REFERENCES

1. Chin, James, ed. *HAEMOPHILUS MENINGITIS*. In: Control of Communicable Diseases Manual. 17th ed. Washington, DC: American Public Health Association, 2000: 345-347.
2. Pickering, LK, ed. *Haemophilus influenzae Infections*. In: 2000 Red Book: Report of the Committee on Infectious Diseases. 25th ed. Elk Grove Village, IL: American Academy of Pediatrics, 2000: 262-272.